

---

# *2016 Kentucky Annual Administrative Claims Data Report - Cardiac Catheterization*

*January 1 through December 31, 2016  
October 2016*



Commonwealth of Kentucky  
Cabinet for Health and Family Services  
Office of Health Policy



## **2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT – Cardiac Catheterization**

### **TABLE OF CONTENTS**

<b>INTRODUCTION</b>	Pages 1 – 4
 <b>SECTION I: Diagnostic and Therapeutic Cardiac Catheterization Labs</b>	
Map of Diagnostic and Therapeutic Cardiac Catheterization Labs	Pages 5 - 6
TABLE 1: Therapeutic and Diagnostic Cardiac Catheterization Labs	Pages 7 – 8
 <b>SECTION II: Cardiac Catheterization Utilization</b>	
TABLE 2: Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility	Pages 9 - 11
TABLE 3: Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin	Pages 12 – 18
 <b>SECTION III Trends in Cardiac Catheterization Utilization</b>	
TABLE 4: Trend of Therapeutic and Diagnostic Cardiac Catheterization Procedures by Facility ADD, Year	Page 19

# 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT – Cardiac Catheterization

## INTRODUCTION

Thank you for your interest in the **2016 Annual Administrative Claims Data Report – Cardiac Catheterization**. This report covers the utilization of Cardiac Catheterization Labs by licensed Kentucky hospitals for the calendar year January 1, through December 31, 2016. The administrative claims data, submitted by hospitals and ambulatory facilities as required by 900 KAR 7:030 – Data Reporting by Health Care Providers, was used to produce the utilization information in this report.

The Kentucky Annual Administrative Claims Data Report – Cardiac Catheterization uses administrative claims data to determine utilization. Table 1 of this report details the hospitals, including the number of cardiac catheterization labs, authorized to provide catheterization services. The source of this information comes from the Certificate of Need Inventory, which may be viewed on OHP's web site at: <http://chfs.ky.gov/ohp/con/>.

Cardiac catheterization is a diagnostic or therapeutic procedure in which a catheter is introduced into a large vein or artery, usually of an arm or leg, and threaded through the circulatory system to the heart. A single procedure lasts from the time the catheter is inserted until the time that the catheter is completely withdrawn from the patient. With regard to cardiac catheterization services the term “laboratory” (lab) means each dedicated room within a fixed-site facility which is individually equipped and staffed for the purposes of performing cardiac catheterizations.

We count the claims three ways. The number of procedures classified as “All Therapeutic” is simply a count of administrative claims records where the record included at least one therapeutic code, regardless of the presence of any diagnostic codes. Similarly, the number of procedures classified as “All Diagnostic” is simply a count of administrative claims records where the record included at least one diagnostic code, regardless of the presence of any therapeutic codes. Finally, the number of procedures classified as “Therapeutic and Diagnostic” is a count of the number of claims records where the record included at least one diagnostic code AND at least one therapeutic code. This count overlaps the other two counts.

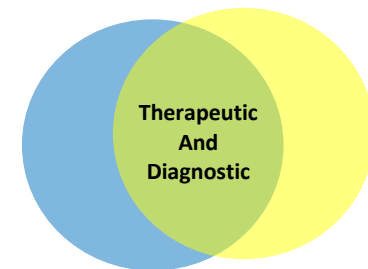
To determine the number of cardiac catheterizations performed, each administrative claims record was examined to determine if it contained at least one of the following procedure codes. Inpatient Hospital Discharge records were examined for ICD-10 Procedure codes, while Outpatient Services Records were examined for CPT Procedure codes.

Cardiac Caths	Diagnostic Catheterization	Therapeutic Catheterization
<b>Inpatient</b>	02563ZZ, 02573ZZ, 025K3ZZ, 025L3ZZ, 02B40ZX, 02B43ZX, 02B44ZX, 02B50ZX, 02B53ZX, 02B54ZX, 02B60ZX, 02B63ZX, 02B63ZZ, 02B64ZX, 02B70ZX, 02B73ZX, 02B73ZZ, 02B74ZX, 02B90ZX, 02B93ZX, 02B94ZX, 02BD0ZX, 02BD3ZX, 02BD4ZX, 02BF0ZX, 02BF3ZX, 02BF4ZX, 02BG0ZX, 02BG3ZX, 02BG4ZX, 02BH0ZX, 02BH3ZX, 02BH4ZX, 02BJ0ZX, 02BJ3ZX, 02BJ4ZX, 02BK0ZX, 02BK3ZX, 02BK3ZZ, 02BK4ZX, 02BL0ZX, 02BL3ZX, 02BL3ZZ, 02BL4ZX, 02BM0ZX, 02BM3ZX, 02BM4ZX, 4A020N6, 4A020N7, 4A020N8, 4A020PZ, 4A023FZ, 4A023N6, 4A023N7, 4A023N8, 4A023PZ, B2000ZZ, B2001ZZ, B200YZZ, B2010ZZ, B2011ZZ, B201YZZ, B2020ZZ, B2021ZZ, B202YZZ, B2030ZZ, B2031ZZ, B203YZZ, B2040ZZ, B2041ZZ, B204YZZ, B2050ZZ, B2051ZZ, B205YZZ, B2060ZZ, B2061ZZ, B206YZZ, B2070ZZ, B2071ZZ, B207YZZ, B2080ZZ, B2081ZZ, B208YZZ, B20F0ZZ, B20F1ZZ, B20FYZZ, B210010, B2100ZZ, B210110, B2101ZZ, B210Y10, B210YZZ, B211010, B2110ZZ, B211110, B2111ZZ, B211Y10, B211YZZ, B212010, B2120ZZ, B212110, B2121ZZ, B212Y10, B212YZZ, B213010, B2130ZZ, B213100, B2131ZZ, B213Y10, B213YZZ, B2140ZZ, B2141ZZ, B214YZZ, B2150ZZ, B2151ZZ, B215YZZ, B2160ZZ, B2161ZZ, B216YZZ, B2170ZZ, B2171ZZ, B217YZZ, B2180ZZ, B2181ZZ, B218YZZ, B21F0ZZ, B21F1ZZ, B21FYZZ	02703ZZ, 02704ZZ, 02713ZZ, 02714ZZ, 02723ZZ, 02724ZZ, 02733ZZ, 02734ZZ, 02C03ZZ, 02703DZ, 027034Z
<b>CPT/HCPSCS Procedure Code (Outpatient)</b>	93451, 93452, 93453, 93454, 93455, 93456, 93457, 93458, 93459, 93460, 93461, 93462, 93463, 93464, 93503, 93505, 93530, 93531, 93532, 93533, 93561, 93562, 93563, 93564, 93565, 93566, 93567, 93568, 93571, 93572, 93580, 93581, 93582, 93583, 93600, 93602, 93603, 93609, 93610, 93612, 93613, 93615, 93616, 93618, 93619, 93620, 93621, 93622, 93623, 93624, 93631, 93640, 93641, 93642, 93644, 93653, 93660, C1730, C1731, 93662	92920, 92921, 92924, 92925, 92928, 92929, 92933, 92934, 92937, 92938, 92941, 92943, 92944, 92961, 92970, 92971, 92973, 92974, 92975, 92977, 92978, 92979, 92980, 92981, 92982, 92984, 92986, 92987, 92990, 92992, 92993, 92995, 92996, 92997, 92998, 93650, 93651, 93652, 93654, 93655, 93656, 93657, 0234T, 0235T, 0236T, 0237T, 0238T, C1732, C1733, C2630, C9600, C9601, C9602, C9603, C9604, C9605, C9606, C9607, C9608, G0290, G0291, C9741

**All Therapeutic:** Includes a count of the number of administrative claims records where the record included at least one Therapeutic Code regardless of the presence of any Diagnostic code(s).

**All Diagnostic:** Includes a count of the number of administrative claims records where the record included at least one Diagnostic Code regardless of the presence of any Therapeutic code(s)

**Therapeutic & Diagnostic:** Includes a count of the number of administrative claims records where the record included at least one Diagnostic code AND at least one Therapeutic code. This count includes the overlap of the previous two groups.



## Summary of 2016 Data

In 2016, cardiac catheterization procedures were performed in 44 Kentucky hospitals, located in 31 counties. There were 10 hospitals with a total of 11 labs, licensed to perform diagnostic catheterizations only. There were 34 hospitals, with a total of 103 labs, licensed as comprehensive, which can perform both diagnostic and therapeutic catheterizations. There were 54,819 diagnostic catheterizations performed and 20,775 therapeutic catheterizations performed. The volume of diagnostic procedures increased by 307 and the volume of therapeutic decreased by 4,571 since 2015.

“Pediatric” means the patient age is 17 years or less. “Adult” means the patient age is 18 years or greater.

An asterisk (\*) has replaced any cells with five or fewer cases. A blank indicates there were no cases.

Questions or comments regarding the data contained in this report should be directed to Allison Lile at (502) 564-9592, ext. 3155, or e-mail: [Allison.Lile@ky.gov](mailto:Allison.Lile@ky.gov).

This report becomes the most recent official data on cardiac catheterization utilization published by the Cabinet for Health Services. For additional copies of this report, please submit a request in writing along with a check in the amount of \$20.00 made payable to the Kentucky State Treasurer to:

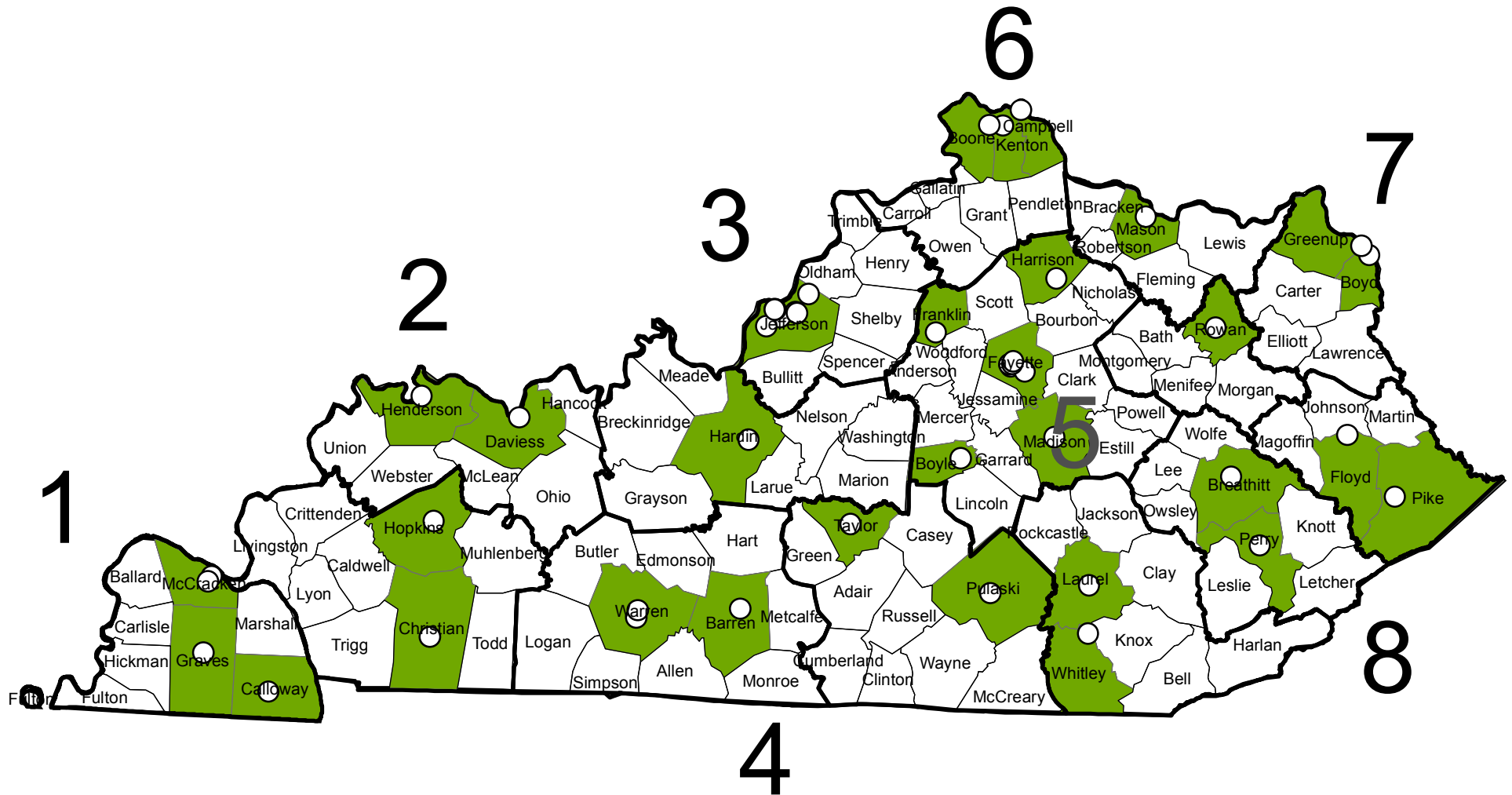
Cabinet for Health and Family Services  
Office of Health Policy  
275 East Main Street 4 W-E  
Frankfort, KY 40621

# *SECTION I*



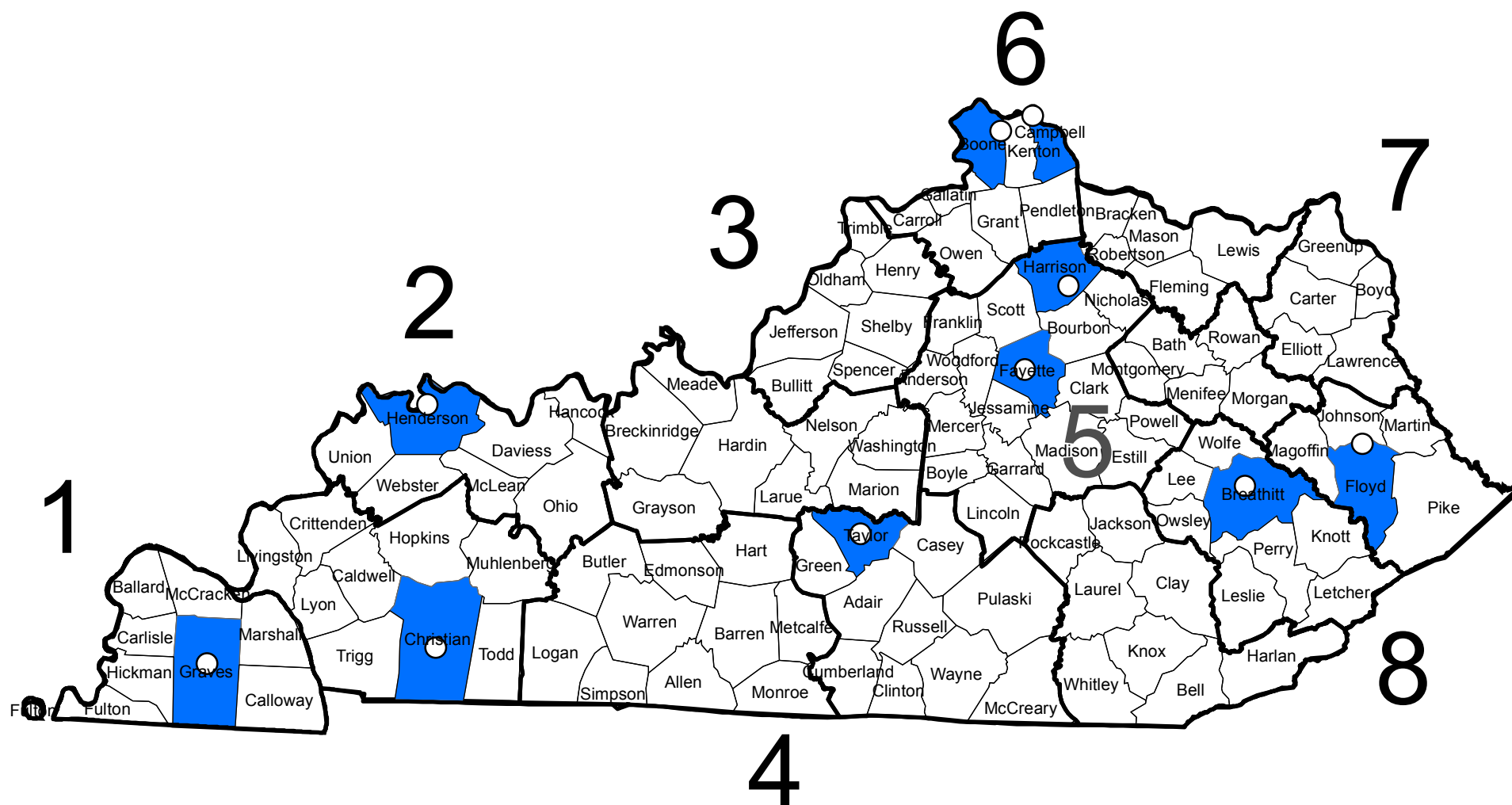
*Diagnostic and Therapeutic Cardiac  
Catheterization Labs*

# 2016 Therapeutic Cardiac Catheterization Facilities in Kentucky





# 2016 Diagnostic Cardiac Catheterization Facilities in Kentucky



# 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 1 - Diagnostic & Therapeutic Laboratories**

Source: Cabinet for Health and Family Services, Certificate of Need September 2017 Inventory

ADD	Facility	Diagnosis Only	Diagnostic and Therapeutic
<b>01 - PURCHASE</b>			
	Baptist Health Paducah		4
	Jackson Purchase Medical Center	1	
	Lourdes Hospital		3
	Murray-Calloway County Hospital		1
<b>02 - PENNYRILE</b>			
	Baptist Health Madisonville		3
	Jennie Stuart Medical Center	1	
<b>03 - GREEN RIVER</b>			
	Methodist Hospital	1	
	Owensboro Medical Health System		3
<b>04 - BARREN RIVER</b>			
	Greenville Regional Hospital		1
	T. J. Samson Hospital *		1
	The Medical Center at Bowling Green		3
<b>05 - LINCOLN TRAIL</b>			
	Hardin Memorial Hospital		2
<b>06 - KIPDA</b>			
	Baptist Health Louisville		6
	Jewish Hospital		8
	Norton Audubon Hospital		4
	Norton Brownsboro		2
	Norton Hospital/Norton Children's Hospital/Norton Healthcare Pavilion		7
	Norton Women's and Children's Hospital		1
	Sts. Mary & Elizabeth Hospital		1
	University of Louisville Hospital		2
<b>07 - NORTHERN KY</b>			
	St. Elizabeth Edgewood		5
	St. Elizabeth Florence	2	
	St. Elizabeth Ft. Thomas	1	

# 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 1 - Diagnostic & Therapeutic Laboratories**

Source: Cabinet for Health and Family Services, Certificate of Need September 2017 Inventory

ADD	Facility	Diagnosis Only	Diagnostic and Therapeutic
<b>08 - BUFFALO TRACE</b>			
	Meadowview Regional Medical Center		1
<b>09 - GATEWAY</b>			
	St. Claire Medical Center		2
<b>10 - FIVCO</b>			
	King's Daughters' Medical Center		3
	Our Lady of Bellefonte Hospital, Inc.		1
<b>11 - BIG SANDY</b>			
	Highlands Regional Medical Center	1	
	Pikeville Medical Center		2
<b>12 - KY RIVER</b>			
	ARH Regional Medical Center		2
	Kentucky River Medical Center	1	
<b>13 - CUMBERLAND VALLEY</b>			
	Baptist Health Corbin		2
	Saint Joseph Hospital London		5
<b>14 - LAKE CUMBERLAND</b>			
	Lake Cumberland Regional Hospital		3
	Taylor Regional Hospital	1	
<b>15 - BLUEGRASS</b>			
	Baptist Health Lexington		8
	Baptist Health Richmond		1
	Ephraim McDowell Regional Medical Center		2
	Frankfort Regional Medical Center		1
	Harrison Memorial Hospital	1	
	St. Joseph East		2
	St. Joseph Hospital		7
	UK HealthCare		4
	UK HealthCare Good Samaritan Hospital	1	
<b>Statewide</b>		<b>11</b>	<b>103</b>

## *SECTION II*



## *Cardiac Catheterization Utilization*

# 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
01 - PURCHASE											
	Calloway	Murray Calloway County Hospital								14	14
	Graves	Jackson Purchase Medical Center								39	39
	McCracken	Lourdes Hospital		418	418	0	402	402	1	1,753	1,754
		Baptist Health Paducah		487	487	0	463	463	9	1,293	1,302
	01 - Purchase Total		0	905	905	0	865	865	10	3,099	3,109
02 - PENNYRILE											
	Christian	Jennie Stuart Medical Center Inc								32	32
	Hopkins	Baptist Health Madisonville		382	382	0	365	365	1	1,338	1,339
	02 - Pennyrile Total		0	382	382	0	365	365	1	1,370	1,371
03 - GREEN RIVER											
	Daviess	Owensboro Health Regional Hospital		616	616	0	566	566	3	2,348	2,351
	Henderson	Methodist Hospital								57	57
	03 - Green River Total		0	616	616	0	566	566	3	2,405	2,408
04 - BARREN RIVER											
	Barren	T J Samson Community Hospital		411	411		400	400		1,229	1,229
	Warren	Tri-Star Greenview Regional Hospital		48	48		48	48		256	256
		The Medical Center at Bowling Green		674	674		630	630	2	2,544	2,546
	04 - Barren River Total		0	1,133	1,133	0	1,078	1,078	2	4,029	4,031
05 - LINCOLN TRAIL											
	Hardin	Hardin Memorial Health		201	201		187	187	2	870	872
	05 - Lincoln Trail Total		0	201	201	0	187	187	2	870	872

## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
06 - KIPDA											
	Jefferson	Baptist Health Louisville		1,081	1,081		969	969	3	2,945	2,948
		Jewish Hospital and St Marys Healthcare		1,238	1,238		1,078	1,078	3	4,055	4,058
		University of Louisville Hospital		56	56		53	53	1	379	380
		Norton Audubon Hospital		763	763		704	704		2,374	2,374
		Norton Womens & Childrens Hospital		1	1		1	1		230	230
		Sts Mary and Elizabeth Hospital		87	87		85	85	1	430	431
		Norton Hospital/Norton Children's Hospital/Norton Healthcare Pavilion	67	659	726	67	602	669	315	1,835	2,150
		Norton Brownsboro Hospital		269	269		251	251		800	800
		06 - KIPDA Total	67	4,154	4,221	67	3,743	3,810	323	13,048	13,371
07 - NORTHERN KY											
	Boone	St Elizabeth Florence		20	20		17	17		326	326
	Campbell	St Elizabeth Fort Thomas		17	17		9	9		252	252
	Kenton	St Elizabeth Edgewood		1,494	1,494		1,323	1,323		3,986	3,986
		07 - Northern Kentucky Total	0	1,531	1,531	0	1,349	1,349	0	4,564	4,564
08 - BUFFALO TRACE											
	Mason	Meadowview Regional Medical Center		596	596		293	293		1,375	1,375
		08 - Buffalo Trace Total	0	596	596	0	293	293	0	1,375	1,375
09 - GATEWAY											
	Rowan	St Claire Regional Medical Center		201	201		184	184		659	659
		09 - Gateway Total	0	201	201	0	184	184	0	659	659
10 - FIVCO											
	Boyd	Kings Daughters Medical Center	1	870	871	1	808	809	6	3,344	3,350
	Greenup	Our Lady Of Bellefonte Hospital		76	76	0	71	71	15	507	522
		10 - FIVCO Total	1	946	947	1	879	880	21	3,851	3,872

# 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
11 - BIG SANDY											
	Floyd	Highlands Regional Medical Center								352	352
	Pike	Pikeville Medical Center		503	503		481	481		1,865	1,865
	11 - Big Sandy Total		0	503	503	0	481	481	0	2,217	2,217
12 - KY RIVER											
	Breathitt	Kentucky River Medical Center		16	16					99	99
	Perry	Hazard ARH Regional Medical Center		305	305		269	269		1,217	1,217
	12 - Kentucky River Total		0	321	321	0	269	269	0	1,316	1,316
13 - CUMBERLAND VALLEY											
	Laurel	Saint Joseph Hospital London		249	249		227	227	3	838	841
	Whitley	Baptist Health Corbin		133	133		106	106	1	421	422
	13 - Cumberland Valley Total		0	382	382	0	333	333	4	1,259	1,263
14 - LAKE CUMBERLAND											
	Pulaski	Lake Cumberland Regional Hospital		350	350		330	330	1	1,806	1,807
	Taylor	Taylor Regional Hospital		49	49					172	172
	14 - Lake Cumberland Total		0	399	399	0	330	330	1	1,978	1,979
15 - BLUEGRASS											
	Boyle	Ephraim McDowell Reg Medical Center		254	254		252	252		650	650
	Fayette	Baptist Health Lexington	2	1,492	1,494	2	1,387	1,389	19	4,031	4,050
		UK Healthcare Good Samaritan Hospital		9	9		7	7	1	55	56
		Saint Joseph East		376	376		302	302	1	991	992
		Saint Joseph Hospital		942	942		873	873	6	2,967	2,973
		University of Kentucky Hospital	2	609	611	2	553	555	27	2,774	2,801
	Franklin	Frankfort Regional Medical Center		180	180		160	160		519	519
	Harrison	Harrison Memorial Hospital								401	401
	Madison	Baptist Health Richmond								277	277
	15 - Bluegrass Total		4	3,862	3,866	4	3,534	3,538	54	12,665	12,719
Statewide			72	16,132	16,204	72	14,456	14,528	421	54,705	55,126

## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
01 - PURCHASE										
	Ballard		22	22		22	22		84	84
	Calloway		83	83		76	76		242	242
	Carlisle		23	23		21	21		70	70
	Fulton		17	17		17	17	3	69	72
	Graves	1	142	143	1	137	138	6	436	442
	Hickman		19	19		18	18		47	47
	McCracken	1	225	226	1	212	213	11	823	834
	Marshall	2	110	112	2	105	107	5	420	425
	01 - Purchase Total	4	641	645	4	608	612	25	2,191	2,216
02 - PENNYRILE										
	Caldwell		38	38		35	35		130	130
	Christian		61	61		59	59	2	291	293
	Crittenden		26	26		26	26	2	77	79
	Hopkins	1	221	222	1	208	209	1	752	753
	Livingston		43	43		41	41		142	142
	Lyon		16	16		16	16		76	76
	Muhlenberg		153	153		144	144	2	520	522
	Todd		15	15		14	14		58	58
	Trigg		29	29		26	26		106	106
	02 - Pennyrile Total	1	602	603	1	569	570	7	2,152	2,159



## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
03 - GREEN RIVER										
	Daviess	5	318	323	5	294	299	17	1,333	1,350
	Hancock	1	32	33	1	30	31	3	118	121
	Henderson		16	16		14	14	1	81	82
	McLean		48	48		42	42	2	160	162
	Ohio	1	93	94	1	84	85	6	294	300
	Union	1	8	9	1	6	7	2	49	51
	Webster		35	35		34	34		156	156
	03 - Green River Total	8	550	558	8	504	512	31	2,191	2,222
04 - BARREN RIVER										
	Allen		83	83		77	77	1	315	316
	Barren	1	255	256	1	244	245	4	775	779
	Butler		53	53		50	50	1	207	208
	Edmonson		37	37		33	33	1	126	127
	Hart		95	95		86	86	8	294	302
	Logan	2	69	71	2	67	69	7	326	333
	Metcalfe		78	78		76	76		237	237
	Monroe	1	41	42	1	39	40	1	136	137
	Simpson		41	41		39	39		160	160
	Warren	3	309	312	3	289	292	8	1,175	1,183
	04 - Barren River Total	7	1,061	1,068	7	1,000	1,007	31	3,751	3,782

## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
05 - LINCOLN TRAIL										
	Breckinridge	1	71	72	1	62	63	5	213	218
	Grayson		95	95		91	91	2	289	291
	Hardin	6	269	275	6	244	250	25	933	958
	Larue	1	38	39	1	36	37	7	127	134
	Marion	2	61	63	2	50	52	2	188	190
	Meade		65	65		55	55	1	193	194
	Nelson	2	184	186	2	168	170	9	603	612
	Washington		36	36		32	32	4	131	135
	05 - Lincoln Trail Total	12	819	831	12	738	750	55	2,677	2,732
06 - KIPDA										
	Bullitt	2	243	245	2	226	228	5	751	756
	Henry		60	60		52	52	3	182	185
	Jefferson	14	2,184	2,198	14	1,971	1,985	83	7,300	7,383
	Oldham	1	160	161	1	152	153	2	414	416
	Shelby	1	149	150	1	133	134	4	433	437
	Spencer		49	49		47	47	2	185	187
	Trimble		24	24		22	22	4	64	68
	06 - KIPDA Total	18	2,869	2,887	18	2,603	2,621	103	9,329	9,432

## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
07 - NORTHERN KY										
	Boone		356	356		326	326		1,143	1,143
	Campbell		285	285		233	233		815	815
	Carroll	1	59	60	1	57	58	3	178	181
	Gallatin		46	46		43	43		127	127
	Grant		122	122		107	107		410	410
	Kenton		502	502		445	445		1,500	1,500
	Owen		42	42		37	37		139	139
	Pendleton		74	74		60	60		232	232
	07 - Northern Kentucky Total	1	1,486	1,487	1	1,308	1,309	3	4,544	4,547
08 - BUFFALO TRACE										
	Bracken		76	76		50	50		208	208
	Fleming		126	126		88	88		389	389
	Lewis		68	68		45	45	1	211	212
	Mason		177	177		92	92		465	465
	Robertson		16	16		9	9		55	55
	08 - Buffalo Trace	0	463	463	0	284	284	1	1,328	1,329
09 - GATEWAY										
	Bath		63	63		59	59		195	195
	Menifee		44	44		39	39		106	106
	Montgomery		127	127		118	118	2	337	339
	Morgan		51	51		48	48		169	169
	Rowan		130	130		116	116	3	390	393
	09 - Gateway Total	0	415	415	0	380	380	5	1,197	1,202

## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
10 - FIVCO										
	Boyd	3	212	215	3	203	206	14	867	881
	Carter		109	109		103	103	4	458	462
	Elliott		17	17		17	17		83	83
	Greenup	1	143	144	1	128	129	3	546	549
	Lawrence		77	77		72	72	2	293	295
	10 - FIVCO Total	4	558	562	4	523	527	23	2,247	2,270
11 - BIG SANDY										
	Floyd		162	162		146	146	1	742	743
	Johnson		115	115		101	101		483	483
	Magoffin		72	72		67	67		266	266
	Martin		65	65		58	58	1	214	215
	Pike		220	220		207	207	1	876	877
	11 - Big Sandy Total	0	634	634	0	579	579	3	2,581	2,584
12 - KY RIVER										
	Breathitt		78	78		65	65	1	223	224
	Knott		50	50		46	46		225	225
	Lee		28	28		26	26		116	116
	Leslie		41	41		37	37		163	163
	Letcher		121	121		118	118	1	525	526
	Owsley		15	15		11	11		73	73
	Perry		123	123		104	104	1	451	452
	Wolfe		48	48		40	40		181	181
	12 - Kentucky River Total	0	504	504	0	447	447	3	1,957	1,960

## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
13 - CUMBERLAND VALLEY										
	Bell		68	68		62	62	2	280	282
	Clay		75	75		71	71		302	302
	Harlan	1	125	126	1	105	106	4	489	493
	Jackson		64	64		51	51	1	186	187
	Knox		95	95		83	83		300	300
	Laurel		188	188		168	168	2	678	680
	Rockcastle		61	61		55	55	1	196	197
	Whitley		192	192		167	167	5	622	627
	13 - Cumberland Valley Total	1	868	869	1	762	763	15	3,053	3,068
14 - LAKE CUMBERLAND										
	Adair		75	75		60	60	4	236	240
	Casey		52	52		50	50	2	167	169
	Clinton		21	21		20	20	2	77	79
	Cumberland		17	17		16	16	3	87	90
	Green		57	57		38	38	3	154	157
	McCreary		60	60		57	57		298	298
	Pulaski		242	242		229	229	3	1,106	1,109
	Russell	2	59	61	2	55	57	5	258	263
	Taylor		102	102		61	61	2	288	290
	Wayne		75	75		74	74	5	316	321
	14 - Lake Cumberland Total	2	760	762	2	660	662	29	2,987	3,016

## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
15 - BLUEGRASS										
	Anderson		84	84		76	76		225	225
	Bourbon		92	92		75	75	2	338	340
	Boyle		101	101		96	96	2	297	299
	Clark		175	175		164	164	1	528	529
	Estill		81	81		68	68	1	234	235
	Fayette		673	673		625	625	16	2,176	2,192
	Franklin		198	198		177	177		584	584
	Garrard		67	67		63	63	1	173	174
	Harrison		149	149		86	86		511	511
	Jessamine		142	142		132	132	3	474	477
	Lincoln		115	115		108	108	3	314	317
	Madison	2	346	348	2	294	296	6	1,008	1,014
	Mercer		89	89		86	86	1	298	299
	Nicholas		49	49		35	35		192	192
	Powell		65	65		60	60		195	195
	Scott	1	166	167	1	159	160	2	522	524
	Woodford		92	92		84	84		276	276
	15 - Bluegrass Total	3	2,684	2,687	3	2,388	2,391	38	8,345	8,383
Out of State										
	Out of State	11	1,235	1,246	11	1,104	1,115	49	4,361	4,410
Grand Total		72	16,149	16,221	72	14,457	14,529	421	54,891	55,312

Note: Totals in Table 3 may not match totals in Table 2 because some facilities performed procedures within the range of codes but do not have a cardiac catheterization lab. These procedures are counted in Table 3 by patient origin, but not Table 2, which only includes facilities with CON approved cardiac cath labs.

# *SECTION III*



## *Trends in Cardiac Catheterization Utilization*

## 2016 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

**Table 4 - Trend of Therapeutic and Diagnostic Cardiac Catheterization Procedures by Facility ADD**

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

Facility ADD	All Therapeutic					Therapeutic & Diagnostic					All Diagnostic				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
01 - Purchase	1,181	1,480	993	1,203	906	1,042	1,025	729	907	866	3,559	3,507	2,809	3,227	3,110
02 - Pennyrile	428	477	390	452	383	387	346	293	361	365	1,215	1,212	1,299	1,384	1,376
03 - Green River	668	1,001	919	738	618	555	732	674	538	566	2,228	2,433	2,652	2,091	2,408
04 - Barren River	1,202	1,233	982	1,350	1,134	1,044	915	795	1,098	1,078	3,516	2,588	3,065	3,962	4,034
05 - Lincoln Trail	203	383	332	276	202	156	248	224	207	187	957	1,111	1,100	922	874
06 - KIPDA	4,379	5,594	5,846	5,531	4,221	3,506	3,979	4,141	4,072	3,810	14,411	13,727	14,475	13,927	13,377
07 - Northern Kentucky	1,283	1,778	1,917	1,871	1,531	1,011	1,188	1,391	1,389	1,349	4,852	4,625	4,561	4,172	4,569
08 - Buffalo Trace	273	427	445	819	596	155	402	255	438	293	807	1,503	1,390	1,671	1,375
09 - Gateway	261	292	187	201	202	233	246	155	180	184	689	711	562	629	659
10 - FIVCO	1,937	1,364	845	1,224	950	1,650	934	631	894	880	5,914	3,818	2,681	3,537	3,874
11 - Big Sandy	423	643	691	786	503	358	462	511	537	481	1,623	1,793	1,901	2,284	2,218
12 - Kentucky River	381	343	323	430	321	296	250	221	331	269	1,292	1,262	1,209	1,424	1,316
13 - Cumberland Valley	376	471	484	409	388	361	395	353	346	333	1,597	1,376	1,271	1,324	1,423
14 - Lake Cumberland	588	737	553	579	399	463	568	370	408	330	2,093	1,850	1,685	1,716	1,979
15 - Bluegrass	4,931	5,840	4,457	4,906	3,867	4,072	4,096	3,463	3,627	3,538	12,803	13,922	12,266	12,549	12,720
Statewide	18,514	22,063	19,364	20,775	16,221	15,289	15,786	14,206	15,333	14,529	57,556	55,438	52,926	54,819	55,312





CABINET FOR HEALTH AND FAMILY SERVICES  
CHFS.KY.GOV